Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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	U.S. PATENT DOCUMENTS							
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document					
AC	5,983,986	Macintyre et al.	11/16/1999					
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract		

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (Rev. 2-92)

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.: 8455.12

SERIAL NO .:

08/893,833

APPLICANT:

FILING DATE:

Anthony J. DeGregoria and Thomas.

J. Kaminski

July 11, 1997

GROUP:

			U.S. PA	TENT DOCUMENTS	,		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI
NC	AA	2,931,189	4/5/60	Sigworth			
	AB	3,036,444	5/29/62	Cochran			
	AC	3,326,214	6/20/67	МсСоу			
	AD	3,599,443	8/17/71	Paine			
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U.S. PATENT DOCUMENTS FILING DATE DOCUMENT NUMBER **EXAMINER** DATE NAME CLASS SUBCLASS INITIAL 4,589,476 5/20/86 Berner AL 6/17/86 Coellner et al. 4,594,860 AM 5/19/87 Ekman ΑN 4,665,805 8/25/87 AO 4,688,626 Tengesdal AΡ 4,733,718 3/29/88 Schikowsky et al. 4,744,409 5/17/88 Berner ΩA 4,754,806 7/5/88 Astle, Jr. AR 4,815,522 3/28/89 Thunberg AS 4,817,708 4/4/89 Ono et al. AT ΑU 4,875,520 10/24/89 Steele et al. 4,952,283 8/28/90 Besik **FOREIGN PATENT DOCUMENTS** TRANSLATION **EXAMINER** DOCUMENT COUNTRY CLASS SUBCLASS DATE INITIAL NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;

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J. Kaminski July 11, 1997

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		·	U.S. PA	ATENT DOCUMENTS			
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QVC	AW	5,002,116	3/26/91	Hoagland			
	AX	5,010,594	4/30/91	Suzuki et al.			
	AY	5,050,667	9/24/91	Berner et al.			
	AZ	5,273,106	12/28/93	Drake	_		
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	BB_	5,375,649	12/27/94	Nilsen et al.			
	вс	D376,842	12/24/96	Franklin et al.			
	C1	5,617,913	4/8/97	DeGregoria et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
XVC	BD	GB 1360064	7/17/74	Great British Britain			V
MC	BE	DE 3143088 A1	5/11/83	Federal Republic of Germany			1
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LVC	BF			American Society of Heating, Re stents page, pp1, 3-26)(1989)	frigeration	n, and Air Co	nditioning
LVC.	BG			lumbus Industries is your single-s ille, OH (discloses High Efficiency			
XVC	ВН	"Lifebreath™ Centr (pp. 1-12)	al Ventilation	Systems", Nutech Energy Syste	ms, Inc.,	London Onta	rio, Canada
XV.	ВІ	TherMax Energy Re	ecycling Vent	ilation Systems, "Energy Recyclin	ng Ventila	tion Systems	for Improved

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Hopewill, New Jersey (34 pages of product information)

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1 00		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
XVC	BJ	Douglas Steege, Altech Energy New Aire TM Air-to-Air Heat Exchanger Ventilators, Madison, Wisconsi (1994) 12 pages (6 sheets)
	вк	Honeywell, "The 'Perfect Window' Energy Recovery Ventilator" Product Reference, Golden Valley, Minnesota 9/91 (51 sheets)
	BL	Reay, "Heat Recovery Systems A directory of equipment and techniques", E. & F. N. Spon, 1979, pp. 17-35
	вм	Merrill, "Maintaining Your Home", Housing Specialist, University of Wisconsin-Extension - Cooperativ Extension (1989) (pp 1-2 on 1 sheet)
	BN	"HRV700i" Venmar Ventilation, Inc. 9 1995, Saskatchewan, Canada (pp 1-2 on 1 sheet)
	во	"The Fresh Approach to Improved Air Quality" RAYDOT Incorporated, 10-92 10M TH, Cokato, Minnesota (pp 1-4)
	ВР	"Indoor Air Quality-An Issue That Hits You Where You Live", Guardian™, Broan [®] , Hartford, Wisconsin, 1993 (pp. 1-12)
	BQ	"Energy Recovery Wheel", CARNES® Company, Verona, Wisconsin, Catalog HW-01G, November 1989 (pp. 1-12)
	BR	"General Product Catalog", CARNES® Company, Verona, Wisconsin, Catalog CG-09K, June 1993 (pp. 1-20)
	BS	"Energy Recovery Ventilator", CARNES® Company, Verona, Wisconsin, Catalog HV-01E, September 1991 (pp. 1-14)
	вт	"Energy Recovery Wheel Systems", CARNES® Company, Verona, Wisconsin, Catalog HS-01E, April 1991 (pp. 1-28)
	BU	Merrill, "Is Home Ventilation a Luxury?", Housing Specialist, University of Wisconsin-Extension - Cooperative Extension (1 page)
	BV	Indoor Air Pollution, An Introduction for Health Professionals (pp i, I)
	BW	"Indoor Air Update - 1996 Agenda", College of Agricultural and Life Sciences - University of Wisconsin-Madison (1 page)
	вх	"Indoor Air Quality" UW-Extension Family Living (pp 1-2 on 1 sheet)
	BY	"Indoor Air Quality Tools for Schools", IAQ Coordinator's Guide, (pp. ii-iv, 1-2)
	BZ	Merrill et al., "Maintaining Your Home: Lead-Based Paint Hazards", Cooperative Extension Publications, Madison, Wisconsin, 1-9-95 (pp1-3 and resources sheet)
	CA	"Carbon Monoxide", Wisconsin Division of Health, January 1993 (3 sheets)
	СВ	Chisholm, "Developments in Heat Exchanger Technology-1" National Engineering Laboratory, 1980 (pp. 233-257)
A	СС	Walker, "Industrial heat exchangers a basic guide", Chemical Engineering, 1983 (pp. 311-321)

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LVC	CD	"40% Rise Reported in Asthma and Asthma Deaths", New York Times, 1/6/95 (1 page)
	CE	"Heat Recovery Ventilation for Housing: Air-to-Air Heat Exchangers", National Center for Appropriate Technology, Butte, Montana, prior to March 1984 (pp. 1-32)
	CF	"Major Air Pollutants in the Home" University of Wisconsin-Extension, Cooperative Extension (3 pages on 2 sheets)
	cG	Altech Energy ([©] 1988), New Aire™ Air-to-Air Heat Exchange Ventilators, Madison, Wisconsin (16 sheets)
	сн	AIRXCHANGE, "Energy Recovery Ventilation", (Catalog) Rockland, Massachusetts, 1992 (41 sheets)
$\underline{\underline{V}}$	СІ	N.F. Hodgkinson, "Alternatives to Halocarbons in Air Conditioning, Refrigeration and Fire Protection", Australian Refrigeration, Air Conditioning and Heating, July 1990 pp 42-43, 45, 47-48.
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT
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NC	ск	5,515,909	5/14/96	Tanaka			
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